1	CHAIND
2	What is claimed is:
3	
4.	Claim 1. A protective coating comprising a homogeneous
. 5	mixture of polyurea and microscopic granules thereby
6	providing a property of diffuse reflectivity.
.7	
8	Claim 2. The protective coating in accordance with clai
9 .	1 wherein said microscopic granules are added to said
10	homogeneous mixture in a range of inclusion from 0.2 to 0.8
11	ounces per gallon of said polyurea.
12	
13	Claim 3. A protective coating in accordance with claim
14	wherein said microscopic granules capable of imparting the
15	property of diffuse reflectivity range in size from 2 to 25
16	microns.
17	
18	Claim 4. A protective coating in accordance with claim
19	wherein said microscopic granules capable of imparting the
20	property of diffuse reflectivity range in size from 2 to 25
21	microns.
22-	
23	Claim 5. A protective coating in accordance with claim
24	wherein said homogeneous mixture further comprises a colored

pigment. 2 Claim 6. A protective coating in accordance with claim 2 3 wherein said homogeneous mixture further comprises a colored 5 pigment. 6. 7 -Claim 7. A protective coating in accordance with claim 3 wherein said homogeneous mixture further comprises a colored pigment. 10 11 Claim 8. A protective coating in accordance with claim 4 12 wherein said homogeneous mixture further comprises a colored 13 pigment. 14 15 Claim 9. A protective coating in accordance with claim 1 16 wherein said homogeneous mixture further comprises a 17 synthetic filler. 18 Claim 10. A protective coating in accordance with claim 19 20 2 wherein said homogeneous mixture further comprises a 21 synthetic filler. 22

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3 wherein said homogeneous mixture further comprises a

Claim 11. A protective coating in accordance with claim

1 synthetic filler. Claim 12. A protective coating in accordance with claim 3 4 wherein said homogeneous mixture further comprises a 5 synthetic filler. 6 Claim 13. A protective coating in accordance with claim 8 5 wherein said homogeneous mixture further comprises a synthetic filler. 10 Claim 14. A protective coating in accordance with claim 6 wherein said homogeneous mixture further comprises a 13 synthetic filler. 14 15 Claim 15. A protective coating in accordance with claim 16 7 wherein said homogeneous mixture further comprises a 17 synthetic filler. 18 19 Claim 16. A protective coating in accordance with claim 20 8 wherein said homogeneous mixture further comprises a 21 synthetic filler. 22

24 9 wherein said synthetic filler is sodium magnesium

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Claim 17. A protective coating in accordance with claim

1 aluminosilicate.
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3 Claim 18. A protective coating in accordance with claim
4 10 wherein said synthetic filler is sodium magnesium
5 aluminosilicate.
6
7 Claim 19. A protective coating in accordance with claim
8 11 wherein said synthetic filler is sodium magnesium
9 aluminosilicate.

10

Claim 20. A protective coating in accordance with claim

12 12 wherein said synthetic filler is sodium magnesium

13 aluminosilicate.

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15 Claim 21. A protective coating in accordance with claim

16 13 wherein said synthetic filler is sodium magnesium

17 aluminosilicate.

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19 Claim 22. A protective coating in accordance with claim

20 14 wherein said synthetic filler is sodium magnesium

21 aluminosilicate.

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23 Claim 23. A protective coating in accordance with claim

24 15 wherein said synthetic filler is sodium magnesium

l aluminosilicate.

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- 3 Claim 24. A protective coating in accordance with claim
- 4 16 wherein said synthetic filler is sodium magnesium
- 5 aluminosilicate.

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- 7 Claim 25. A process for reducing thermal and radiant
- 8 energy transmission and absorption of a substrate comprising
- 9 the steps of:
- a) providing a homogeneous mixture comprising polyurea
- 11 and microscopic granules that impart diffuse reflectivity;
- 12 and
- b) applying the homogeneous mixture of step (a) to an
- 14 outer surface of said substrate;
- wherein upon curing of said homogeneous mixture upon
- 16 said substrate, thermal and radiant energy transmission and
- . 17 absorption of said substrate is reduced.

18.

- 19 Claim 26. A process for protecting a substrate from
- 20 thermal and corrosive exposure comprising the steps of:
- a) providing a homogeneous mixture comprising polyurea
- 22 and microscopic granules that impart diffuse reflectivity;
- 23 and
- b) applying the homogeneous mixture of step (a) to an

- l outer surface of said substrate;
- wherein upon curing of said homogeneous mixture upon
- 3 said substrate, said substrate is protected from mechanical,
- 4 water, and corrosive damage, and thermal exposure.

- 6 Claim 27. A protective coating comprising a homogeneous
- 7 mixture of polyurea and borosilicate microspheres.

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- 9 Claim 28. The protective coating in accordance with
- 10 claim 27 wherein said borosilicate microspheres are added to
- 11 said homogeneous mixture in a range of inclusion from 0.2 to
- 12 0.8 ounces per gallon of said polyurea.

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- 14 Claim 29. A protective coating in accordance with claim
- 15 27 wherein said borosilicate microspheres range in size from
- 16 2 to 25 microns.

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- 18 Claim 30. A protective coating in accordance with claim
- 19 28 wherein said borosilicate microspheres range in size from
- 20 2 to 25 microns.

- Claim 31. A protective coating in accordance with claim
- 23 27 wherein said homogeneous mixture further comprises a
- 24 colored pigment.

- 2 Claim 32. A protective coating in accordance with claim
- 3 28 wherein said homogeneous mixture further comprises a
- 4 colored pigment.

- 6 Claim 33. A protective coating in accordance with claim
- 7. 29 wherein said homogeneous mixture further comprises a
- 8 colored pigment.

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- 10 Claim 34. A protective coating in accordance with claim
- 11 30 wherein said homogeneous mixture further comprises a
- 12 colored pigment.

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- Claim 35. A protective coating in accordance with claim
- 15 27 wherein said homogeneous mixture further comprises a
- 16 synthetic filler.

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- 18 Claim 36. A protective coating in accordance with claim
- 19 28 wherein said homogeneous mixture further comprises a
- 20 synthetic filler.

- Claim 37. A protective coating in accordance with claim
- 23 29 wherein said homogeneous mixture further comprises a
- 24 synthetic filler.

- Claim 38. A protective coating in accordance with claim
- 3 30 wherein said homogeneous mixture further comprises a
- 4 synthetic filler.

- 6 Claim 39. A protective coating in accordance with claim
- 7 31 wherein said homogeneous mixture further comprises a
- 8 synthetic filler.

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- 10 Claim 40. A protective coating in accordance with claim
- 11 32 wherein said homogeneous mixture further comprises a
- 12 synthetic filler.

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- 14 Claim 41. A protective coating in accordance with claim
- 15 33 wherein said homogeneous mixture further comprises a
- 16 synthetic filler.

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- 18 Claim 42. A protective coating in accordance with claim
- 19 34 wherein said homogeneous mixture further comprises a
- 20 synthetic filler.

- Claim 43. A protective coating in accordance with claim
- 23 35 wherein said synthetic filler is sodium magnesium
- 24 aluminosilicate.

- 2 Claim 44. A protective coating in accordance with claim
- 3 36 wherein said synthetic filler is sodium magnesium
- 4 aluminosilicate.

- 6 Claim 45. A protective coating in accordance with claim
- 7 37 wherein said synthetic filler is sodium magnesium
- 8 aluminosilicate.

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- 10 Claim 46. A protective coating in accordance with claim
- 11 38 wherein said synthetic filler is sodium magnesium
- 12 aluminosilicate.

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- 14 Claim 47. A protective coating in accordance with claim
- 15 39 wherein said synthetic filler is sodium magnesium
- 16 aluminosilicate.

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- 18 Claim 48. A protective coating in accordance with claim
- 19 40 wherein said synthetic filler is sodium magnesium
- 20 aluminosilicate.

- 22 Claim 49. A protective coating in accordance with claim
- 23 41 wherein said synthetic filler is sodium magnesium
- 24 aluminosilicate.

- Claim 50. A protective coating in accordance with claim
- 2 42 wherein said synthetic filler is sodium magnesium
- 3 aluminosilicate.

- 5 Claim 51. A process for reducing thermal and radiant
- 6 energy transmission and absorption of a substrate comprising
- 7 the steps of:
- 8 a) providing a homogeneous mixture comprising polyurea
- 9 and borosilicate microspheres; and
- 10 b) applying the homogeneous mixture of step (a) to an
- 11 outer surface of said substrate;
- wherein upon curing of said homogeneous mixture upon
- 13 said substrate thermal and radiant energy transmission and
- 14 absorption of said substrate is reduced.

- 16 Claim 52. A process for protecting a substrate from
- 17 thermal and corrosive exposure comprising the steps of:
- a) providing a homogeneous mixture comprising polyurea
- 19 and borosilicate microspheres; and
- b) applying the homogeneous mixture of step (a) to an
- 21 outer surface of said substrate;
- wherein upon curing of said homogeneous mixture upon
- 23 said substrate said substrate is protected from thermal and
- 24 corrosive exposure.